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10814615 **Application Number** Filing Date 2004-03-31 INFORMATION DISCLOSURE First Named Inventor Andrew W. Dornbusch STATEMENT BY APPLICANT Art Unit 2611 (Not for submission under 37 CFR 1.99) **Examiner Name** BAYARD, Emmanuel Attorney Docket Number 1052-0010

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	5	6308058		2001-10-21	Souetinov et al.			
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/E.B./	2	"SAW Components," EPCOS AG Data Sheet Y 7103 L, Surface Acoustic Wave Components Division OFW E UE, pp.								
/E.B./	3	"Noise and Intermodulation Distortion in Current-Commutating CMOS Mixers," Terrovitis, M. T. and Meyer, R. G., Berkeley Wireless Research Center Retreat, pp								
/E.B./	4	"A Low Noise Quadrature Subsampling Mixer," Karvonen, S. et al., Proceedings of IEEE International Symposium of Circuits and Systems (ISCAS2001), Darling Harbour, Sydney, Australia, IV-790 - IV-793.								

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/E.B./	5	"A Single-Chip 2.4-GHz Direct-Conversion CMOS Receiver for Wireless Local Loop using Multiphase Reduced Frequency Conversion Technique," Lee, Kyeongho et al, IEEE Journal of Solid-State Circuits, Vol. 36, No. 5, pp. 800-809								
/E.B.	/6		"An Image-Rejecting Mixer and Vector Filter with 55-dB Image Rejection over Process, Temperature, and Transistor Mismatch," Homak, Thomas et al., IEEE Journal of Solid-State Circuits, Vol. 36, No. 1, pp. 23-33							
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